

Claims

What is claimed is:

- 1 1. A computer implemented method for implementing calling card
2 security comprising the steps of:
3 receiving a telephone call request from a calling card user;
4 checking a plurality of predefined options to identify user selected
5 options for the calling card; and
6 processing said telephone call request from the calling card user
7 responsive to said identified user selected options for the calling card.
- 1 2. A computer implemented method for implementing calling card
2 security as recited in claim 1 includes the steps of identifying a telephone
3 call request to setup a calling card from a calling card user and performing
4 setup to receive and store user selected options for the calling card.
- 1 3. A computer implemented method for implementing calling card
2 security as recited in claim 1 wherein the step of checking said plurality of
3 predefined options to identify user selected options for the calling card
4 includes the step of checking for use from a specified telephone number
5 being enabled.
- 1 4. A computer implemented method for implementing calling card
2 security as recited in claim 3 wherein the step of processing said telephone
3 call request from the calling card user responsive to said identified user
4 selected options for the calling card includes the step of checking for said
5 telephone call request originating from a specified telephone number
6 responsive to an identified use from a specified telephone number being
7 enabled; and said telephone call request responsive to said telephone call
8 request not originating from said specified telephone number.
- 1 5. A computer implemented method for implementing calling card
2 security as recited in claim 1 wherein the step of checking said plurality of
3 predefined options to identify user selected options for the calling card
4 includes the step of checking for voice recognition being enabled.

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1 6. A computer implemented method for implementing calling card
2 security as recited in claim 5 wherein the step of processing said telephone
3 call request from the calling card user responsive to said identified user
4 selected options for the calling card includes the step of requesting the
5 calling card user to speak a phrase responsive to voice recognition being
6 enabled; comparing a received voice pattern with a stored voice pattern; and
7 terminating said telephone call request when a match of the voice patterns is
8 not found.

1 7. A computer implemented method for implementing calling card
2 security as recited in claim 1 wherein the step of checking said plurality of
3 predefined options to identify user selected options for the calling card
4 includes the step of checking for a limited number of calls from a specified
5 telephone number being enabled.

1 8. A computer implemented method for implementing calling card
2 security as recited in claim 7 wherein the step of processing said telephone
3 call request from the calling card user responsive to said identified user
4 selected options for the calling card includes the step of comparing a
5 number of calls from said specified telephone number with a threshold limit
6 responsive to said limited number of calls from a specified telephone number
7 being enabled; and terminating said telephone call request when said
8 number of calls from said specified telephone number exceeds said
9 threshold limit.

1 9. A computer implemented method for implementing calling card
2 security as recited in claim 1 wherein the step of checking said plurality of
3 predefined options to identify user selected options for the calling card
4 includes the step of checking for calls to a limited area being enabled.

1 10. A computer implemented method for implementing calling card
2 security as recited in claim 9 wherein the step of processing said telephone
3 call request from the calling card user responsive to said identified user
4 selected options for the calling card includes the step of comparing a
5 telephone number dialed with said limited area responsive to calls to said
6 limited area being enabled; and terminating said telephone call request
7 when said telephone number dialed is outside said limited area.

1 11. A computer implemented method for implementing calling card
2 security as recited in claim 1 wherein the step of checking said plurality of
3 predefined options to identify user selected options for the calling card
4 includes the step of checking for a limited time for calls being enabled.

1 12. A computer implemented method for implementing calling card
2 security as recited in claim 1 wherein the step of processing said telephone
3 call request from the calling card user responsive to said identified user
4 selected options for the calling card includes the step of comparing a call
5 duration with said limited time responsive to said limited time for calls being
6 enabled; and terminating said call when said limited time for calls is
7 exceeded.

1 13. A computer program product for implementing calling card
2 security with a server computer, said computer program product including a
3 plurality of computer executable instructions stored on a computer readable
4 medium, wherein said instructions, when executed by said server computer,
5 cause the server computer to perform the steps of:
6 responsive to a user request to setup a calling card, performing setup
7 to receive and store user selected options for said calling card;
8 receiving a telephone call request from a calling card user;
9 responsive to said telephone call request from the calling card user,
10 checking a plurality of predefined options to identify user selected options for
11 the calling card; and
12 processing said telephone call request from the calling card user
13 responsive to said identified user selected options for the calling card.

1 14. A computer program product for implementing calling card
2 security with a server computer as recited in claim 13 wherein the step
3 responsive to said telephone call request from the calling card user,
4 checking a plurality of predefined options to identify user selected options for
5 the calling card includes the step of checking for a user specified telephone
6 number for use of the calling card.

1 15. A computer program product for implementing calling card
2 security with a server computer as recited in claim 13 wherein the step
3 responsive to said telephone call request from the calling card user,
4 checking a plurality of predefined options to identify user selected options for
5 the calling card includes the step of checking for voice recognition being
6 enabled by the calling card user to identify the calling card user for use of
7 the calling card.

1 16. A computer program product for implementing calling card
2 security with a server computer as recited in claim 13 wherein the step
3 responsive to said telephone call request from the calling card user,
4 checking a plurality of predefined options to identify user selected options for
5 the calling card includes the step of checking for a limited area for calls
6 being enabled by the calling card user for use of the calling card.

1 17. A computer program product for implementing calling card
2 security with a server computer as recited in claim 13 wherein the step
3 responsive to said telephone call request from the calling card user,
4 checking a plurality of predefined options to identify user selected options for
5 the calling card includes the step of checking for a limited number of calls
6 from a specified area or a specified telephone number being enabled by the
7 calling card user for use of the calling card.

1 18. A computer program product for implementing calling card
2 security with a server computer as recited in claim 13 wherein the step
3 responsive to said telephone call request from the calling card user,
4 checking a plurality of predefined options to identify user selected options for
5 the calling card includes the step of checking for a limited time duration for
6 calls being enabled by the calling card user for use of the calling card.

1 19. A computer program product for implementing calling card
2 security with a server computer as recited in claim 13 wherein the step of
3 processing said telephone call request from the calling card user responsive
4 to said identified user selected options for the calling card includes the step
5 of comparing said identified user selected options for the calling card with
6 said telephone call request from the calling card user and terminating the
7 telephone call when said telephone call request differs from said identified
8 user selected options for the calling card.

1 20. A system for implementing calling card security comprising:
2 a server computer;
3 a calling card security program including a plurality of computer
4 executable instructions stored on a computer readable medium, wherein
5 said instructions, when executed by said server computer, cause the server
6 computer to perform the steps of:
7 receiving a telephone call request from a calling card user;
8 checking a plurality of predefined options to identify user selected
9 options for the calling card; and
10 processing said telephone call request from the calling card user
11 responsive to said identified user selected options for the calling card.